

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract of the Disclosure as follows:

A data communication system capable of freely performing effective data communication even between equipments respectively performing data communication according to different protocols is provided. In the system, a data communication apparatus (home station) 102 which is provided between a first equipment 101 performing wireless data transmission/reception according to a first protocol (PIAFS protocol) and second equipments 103 to 105 connected to a bus (home bus) according to a second protocol (IEEE 1394 Standard protocol) performs format conversion to data wirelessly transmitted from the first equipment 101 into data according to the second protocol, and then transmits the converted data to the second equipments 103 to 105 through the bus. A communication apparatus includes a wireless communication unit which receives first encoded video data encoded by a first video encoding system from the first apparatus through a wireless network; a decoding unit which decodes the first encoded video data to provide decoded video data; an encoding unit which encodes the decoded video data into second encoded video data using a second video encoding system; and a wired communication unit which transmits the second encoded video data to the second apparatus through a wired network. The first video encoding system is suitable for a first communication protocol used between the first apparatus and the communication apparatus. The second video encoding system is suitable for a second communication protocol used between the second apparatus and the communication apparatus. The first video encoding system uses a video encoding different from MPEG encoding. The second video encoding system uses MPEG encoding.